

Species Datasheet

Datasheet No. A-061.057.012
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Goodyerarubicunda* (Blume) Lindl.

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Epipactisgrandis* A.A.Eaton](#)

[*Epipactisochroleuca* \(F.M.Bailey\) A.A.Eaton \[Illegitimate\]](#)

[*Epipactispapuana* \(Ridl.\) A.A.Eaton](#)

[*Epipactisrubicunda* \(Blume\) A.A.Eaton](#)

[*Epipactistriandra* \(Schltr.\) A.A.Eaton](#)

[*Georchisrubicunda* \(Blume\) Rech.f.](#)

[*Goodyeraanomala* Schltr.](#)

[*Goodyeracelebica* Blume](#)

[*Goodyeraconfundens* J.J.Sm.](#)

[*Goodyeragrandis* King & Pantl. \[Illegitimate\]](#)

[*Goodyeragrandis* \(Blume\) Blume](#)

[*Goodyerahispidula* R.S.Rogers & C.T.White](#)

[*Goodyeralongibracteata* Hayata](#)

[*Goodyeralongicolumna* Hayata](#)

[*Goodyeraochroleuca* F.M.Bailey](#)

[*Goodyerapapuana* Ridl.](#)

[*Goodyerarubens* Blume](#)

[*Goodyerarubicunda* var. *amboinensis* J.J.Sm.](#)

[*Goodyerarubicunda* var. *celebica* \(Blume\) Schltr.](#)

[*Goodyerarubicunda* var. *triandra* \(Schltr.\) N.Hallé](#)

[*Goodyeratriandra* Schltr.](#)

[*Goodyerayaeyamae* Ohwi](#)

[*Neottia grandis* Blume](#)

[*Neottiarubicunda* Blume](#)

[*Orchiodescelebicum* \(Blume\) Kuntze](#)

[*Orchiodesgrande* \(Blume\) Kuntze](#)

[*Orchiodesgrandis* \(Blume\) Kuntze](#)

[*Orchiodesrubicundum* \(Blume\) Kuntze](#)

[*Peramiumlongibracteatum* \(Hayata\) Makino](#)

[*Peramiumlongicolumnum* \(Hayata\) Makino](#)

[*Rhamphidiarubicunda* \(Blume\) F.Muell. \[Illegitimate\]](#)

[*Salacistisochroleuca* \(F.M.Bailey\) M.A.Clem. & D.L.Jones](#)

[*Spiranthesgrandis* \(Blume\) Hassk.](#)

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Monocots
- Order: Asparagales Link.
- Family: Orchidaceae Juss.
- Subfamily: Orchidoideae
- Tribe: Cranichideae
- Subtribe: Goodyerinae
- Genus: *Goodyera* R.Br.
- Species: *Goodyera rubicunda* (Blume) Lindl.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledonae
Series: Microspermae
Ordo: Orchideae
Tribus: Neottieae
Subtribus: Spiranthaeae
Genus: *Goodyera* R.Br.
Species: *Goodyera rubicunda* (Blume) Lindl.

4. Distribution:

Global: Chinese Himalayas, Ryukyu Islands, Taiwan, India (Assam, Eastern Himalayas), Malaysia, Borneo, Java, Sumatra, Lesser Sunda Islands, Moluccas, The Philippines, Sulawesi, Bismark, New Guinea, Solomon Islands, Queensland Australia, Fiji, New Caledonia, Samoa, Tonga and Vanuatu, 100-1500m

India: Eastern Himalayas

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Indigenous, wild

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Terrestrial, grows in moist and shady high rainfall places in thick forests at 1300m

8. Life Form: Cryptophytes

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s): $x=22^{23, 26, 39}$

13. Zygotic chromosome number(s): $2n=44^{23, 39}$

14. Gametic chromosome number(s): $n=22^{23, 26, 33}$

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:Diploid^{23, 26, 39}

Image file

17.Agametoploidy:

18.Nature of polyploidy (auto, segmental, allo, autoallo):

19.Genomic formula:

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):

21.Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis 22II^{23, 26, 33}

Image file

27. Chromosome distribution at anaphase I: 22:22 distribution^{26, 33}

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):